

| L Number | Hits   | Search Text  | DB    | Time stamp       |
|----------|--------|--|-------|------------------|
| 1        | 258    | (bismuth adj molybdate) or (bismuth adj molybdenum adj oxide)  | USPAT | 2004/05/26 13:54 |
| 2        | 10     | ((bismuth adj molybdate) or (bismuth adj molybdenum adj oxide)) same alpha same beta   | USPAT | 2004/05/26 13:54 |
| 3        | 402616 | electrode or (electrical adj contact)  | USPAT | 2004/05/26 13:54 |
| 4        | 485271 | substrate  | USPAT | 2004/05/26 13:54 |
| 5        | 840842 | alumina or titania or zirconia or glass or quartz or silica  | USPAT | 2004/05/26 13:55 |
| 6        | 142730 | substrate same (alumina or titania or zirconia or glass or quartz or silica)   | USPAT | 2004/05/26 13:55 |
| 7        | 12     | ((bismuth adj molybdate) or (bismuth adj molybdenum adj oxide)) and ( substrate same (alumina or titania or zirconia or glass or quartz or silica)) and ( electrode or (electrical adj contact))   | USPAT | 2004/05/26 14:03 |
| 8        | 1      | (*4587104*).PN   | USPAT | 2004/05/26 13:58 |
| 9        | 21     | ((bismuth adj molybdate) or (bismuth adj molybdenum adj oxide)) and substrate and ( electrode or (electrical adj contact))   | USPAT | 2004/05/26 14:11 |
| 10       | 1      | (*4307373*).PN   | USPAT | 2004/05/26 14:16 |
| 11       | 1704   | molybdenum adj trioxide  | USPAT | 2004/05/26 14:17 |
| 12       | 33519  | oxalic adj acid  | USPAT | 2004/05/26 14:17 |
| 13       | 2550   | (ethyl adj hexanoic) or (ethyl adj hexanoate)  | USPAT | 2004/05/26 14:18 |
| 14       | 3420   | (ethyl adj hexanoic) or (ethyl adj hexanoate)  | USPAT | 2004/05/26 14:19 |
| 15       | 612    | bismuth adj trioxide   | USPAT | 2004/05/26 14:19 |
| 16       | 0      | (molybdenum adj trioxide) and ( ((bismuth adj molybdate) or (bismuth adj molybdenum adj oxide)) same alpha same beta) and (((ethyl adj hexanoic) or (ethyl adj hexanoate)) or ((ethyl adj hexanoic) or (ethyl adj hexanoate))) and (bismuth adj trioxide)  | USPAT | 2004/05/26 14:19 |
| 17       | 57     | (molybdenum adj trioxide) and (bismuth adj trioxide)   | USPAT | 2004/05/26 14:19 |
| 18       | 0      | ((molybdenum adj trioxide) and (bismuth adj trioxide)) and (((ethyl adj hexanoic) or (ethyl adj hexanoate)) or ((ethyl adj hexanoic) or (ethyl adj hexanoate)))  | USPAT | 2004/05/26 14:19 |
| 19       | 7      | ((molybdenum adj trioxide) and (bismuth adj trioxide)) and (oxalic adj acid)   | USPAT | 2004/05/26 14:20 |
| 20       | 0      | bismuth adj molybdenum adj hexanoate   | USPAT | 2004/05/26 14:20 |
| 21       | 546    | bismuth adj molybd\$5  | USPAT | 2004/05/26 14:21 |
| 22       | 35     | (bismuth adj molybd\$5) and (molybdenum adj trioxide)  | USPAT | 2004/05/26 14:21 |
| 23       | 12     | ((bismuth adj molybd\$5) and (molybdenum adj trioxide)) and (bismuth adj trioxide)   | USPAT | 2004/05/26 14:21 |
| -        | 0      | ((bismuth adj hexanoate) or (bismuth adj hexanoic)) and ((molybdenum adj hexanoate) or (molybdenum adj hexanoic))  | USPAT | 2004/05/26 14:25 |
| -        | 1      | (bismuth adj hexanoate) or (bismuth adj hexanoic)  | USPAT | 2004/05/26 14:46 |
| -        | 5      | (molybdenum adj hexanoate) or (molybdenum adj hexanoic)  | USPAT | 2004/05/26 13:01 |
| -        | 258    | (bismuth adj molybdate) or (bismuth adj molybdenum adj oxide)  | USPAT | 2004/05/26 13:54 |
| -        | 10     | ((bismuth adj molybdate) or (bismuth adj molybdenum adj oxide)) same alpha same beta   | USPAT | 2004/05/26 13:54 |
| -        | 402616 | electrode or (electrical adj contact)  | USPAT | 2004/05/26 13:54 |
| -        | 485271 | substrate  | USPAT | 2004/05/26 13:54 |
| -        | 840842 | alumina or titania or zirconia or glass or quartz or silica  | USPAT | 2004/05/26 13:54 |
| -        | 142730 | substrate same (alumina or titania or zirconia or glass or quartz or silica) (electrode or (electrical adj contact)) and (substrate same (alumina or titania or zirconia or glass or quartz or silica)) and (((bismuth adj molybdate) or (bismuth adj molybdenum adj oxide)) same alpha same beta) | USPAT | 2004/05/26 13:55 |
| -        | 1      |  | USPAT | 2004/05/26 13:56 |

s bismuth molybdate/cn  
2 BISMUTH MOLYBDATE/CN

=> d 11

L1 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 13595-85-2 REGISTRY  
CN Bismuth molybdenum oxide (Bi2Mo3O12) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Bismuth molybdate(VI) (6CI)  
CN Bismuth molybdate(VI) (Bi2Mo3O12) (7CI)  
CN Molybdic acid (H2MoO4), bismuth(3+) salt (3:2) (8CI)  
OTHER NAMES:  
CN Bismuth molybdate  
CN Bismuth molybdate (Bi2(MoO4)3)  
CN Bismuth molybdate (Bi2Mo3O12)  
CN Bismuth molybdenum oxide (Bi2(MoO4)3)  
CN Molybdic acid (H6Mo3O12), bismuth(3+) salt (1:2)  
DR 12332-82-0, 14542-95-1, 31000-79-0  
MF Bi . Mo . O  
AP Bi2 Mo3 O12  
CI COM, TIS  
LC STN Files: CA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, IFICDB, IFIPAT, IFIUDS, PRMT, TOXCENTER, USPAT2, USPATFULL  
Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

| Component | Ratio | Component Registry Number |
|-----------|-------|---------------------------|
| O         | 12    | 17778-80-2                |
| Bi        | 2     | 7440-69-9                 |
| Mo        | 3     | 7439-98-7                 |

412 REFERENCES IN FILE CA (1907 TO DATE)  
20 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
413 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
14 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 12

L2 NOT FOUND

The L-number entered has not been defined in this session, or it has been deleted. To see the L-numbers currently defined in this session, enter DISPLAY HISTORY at an arrow prompt (->).

=> d 11 2

L1 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 11104-44-2 REGISTRY  
CN Bismuth molybdenum oxide (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Molybdic acid, bismuth salt  
OTHER NAMES:  
CN Bismuth molybdate  
DR 12778-02-8, 51898-99-8  
MF Bi . Mo . O  
CI TIS  
LC STN Files: CA, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CSChem, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, IFICDB, IFIPAT, IFIUDS, PRMT, TOXCENTER, USPAT2, USPATFULL, VTB  
Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

| Component | Ratio | Component Registry Number |
|-----------|-------|---------------------------|
|-----------|-------|---------------------------|

X 17778-80-2  
X 7440-69-9  
X 7439-98-7

196 REFERENCES IN FILE CA (1907 TO DATE)  
196 REFERENCES IN FILE CAPLUS (1907 TO DATE)

--> log y  
 COST IN U.S. DOLLARS  
 FULL ESTIMATED COST

STM INTERNATIONAL LOGOFF AT 18:23:18 ON 20 MAY 2004

-> s bismuth hexanoate/cn

L1 0 BISMUTH HEXANOATE/CN

-> s molybdenum hexanoate/cn

L2 0 MOLYBDENUM HEXANOATE/CN

=> log y

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

9.28

9.49

STN INTERNATIONAL LOGOFF AT 18:26:46 ON 20 MAY 2004

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s bismuth hexanoate  
117766 BISMUTH  
7 BISMUTHS  
117766 BISMUTH  
(BISMUTH OR BISMUTHS)  
4960 HEXANOATE  
125 HEXANOATES  
5037 HEXANOATE  
(HEXANOATE OR HEXANOATES)  
L1 1 BISMUTH HEXANOATE  
(BISMUTH (W) HEXANOATE)

=> s molybdenum hexanoate  
207144 MOLYBDENUM  
33 MOLYBDENUMS  
207148 MOLYBDENUM  
(MOLYBDENUM OR MOLYBDENUMS)  
4960 HEXANOATE  
125 HEXANOATES  
5037 HEXANOATE  
(HEXANOATE OR HEXANOATES)  
L2 1 MOLYBDENUM HEXANOATE  
(MOLYBDENUM (W) HEXANOATE)

=> d 11

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1976:462671 CAPLUS  
DN 85:62671  
TI Highly soluble bismuth salts of organic alkanoic acids  
IN Cukor, Peter; Kilichowski, Kurt B.  
PA GTE Laboratories, Inc., USA  
SO U.S., 3 pp.  
CODEN: USXXAM  
DT Patent  
LA English  
FAN.CNT 1  
PATENT NO. KIND DATE APPLICATION NO. DATE  
-----  
PI US 3962298 A 19760608 US 1974-491186 19740724  
PRAI US 1974-491186 19740724

=> d 12

L2 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1966:101576 CAPLUS  
DN 64:101576  
OREP 64:19038a-b  
TI Hydrocarbon-soluble molybdenum and vanadium compounds  
IN Kollar, John  
PA Halcon International, Inc.  
SO 8 pp.  
DT Patent  
LA Unavailable  
FAN.CNT 1  
PATENT NO. KIND DATE APPLICATION NO. DATE  
-----  
PI BE 665764 19651222 BE  
NL 6508000 NL